

General

Title

Heart failure (HF): percentage of HF patients who have documentation in the medical record that an advance directive was executed.

Source(s)

The Joint Commission. Disease-specific care certification program. Advanced certification heart failure: performance measurement implementation guide. Oakbrook Terrace (IL): The Joint Commission; 2015 Mar. 76 p.

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of heart failure (HF) patients who have documentation in the medical record that an advance directive was executed.

Rationale

Heart failure is a progressive, debilitating disease which carries with it a poor prognosis over time and high mortality rate. Physicians should acknowledge the life-threatening nature of the disease and discuss with patients and/or their caregivers prognosis, quality of life, pharmacologic and device therapies, self-management, and supportive care options (Lindenfeld et al., 2010).

According to Heffner and Barbieri (2000), most patients at fourteen cardiac rehabilitation programs across the United States, presumed the need for life-support at some point in the future and wanted to make their own decisions about end-of-life care. Most of the patients were aware of advance directives, desired

more information, and preferred to get more information from their lawyers, families, physicians, or cardiac rehabilitation programs (Perkins, 2000). Despite this receptiveness, only 15% of patients had discussed advance directives with their physicians, and 10% had confidence that their physicians understood their wishes (Heffner & Barbieri, 2000).

Evidence for Rationale

Anderson R, Joy S, Carkido A, Anthony S, Smyntek D, Stewart D, Perrine S, Puet TA, Butler ET. Development of a congestive heart failure protocol in a rehabilitation setting. *Rehabil Nurs*. 2010 Jan-Feb;35(1):3-7, 30. [PubMed](#)

Heffner JE, Barbieri C. End-of-life care preferences of patients enrolled in cardiovascular rehabilitation programs. *Chest*. 2000 May;117(5):1474-81. [PubMed](#)

Kass-Bartelmes BL, Hughes R. Advance care planning: preferences for care at the end of life. *J Pain Palliat Care Pharmacother*. 2004;18(1):87-109. [PubMed](#)

Lindenfeld J, Albert NM, Boehmer JP, Collins SP, Ezekowitz JA, Givertz MM, Klapholz M, Moser DK, Rogers JG, Starling RC, Stevenson WG, Tang WH, Teerlink JR, Walsh MN. Executive summary: HFSA 2010 comprehensive heart failure practice guideline. *J Card Fail*. 2010;16:475-539.

Perkins HS. Time to move advance care planning beyond advance directives. *Chest*. 2000 May;117(5):1228-31. [PubMed](#)

The Joint Commission. Disease-specific care certification program. Advanced certification heart failure: performance measurement implementation guide. Oakbrook Terrace (IL): The Joint Commission; 2015 Mar. 76 p.

Wilkinson A. Living with advanced congestive heart failure: a guide for family caregivers. Washington (DC): RAND Corporation; 2002 Nov. 30 p.

Primary Health Components

Heart failure; advance directive

Denominator Description

All heart failure patients (see the related "Denominator Inclusions/Exclusions" field)

Numerator Description

Patients who have documentation in the medical record that an advance directive was executed

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Hospital Inpatient

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Individual Clinicians or Public Health Professionals

Statement of Acceptable Minimum Sample Size

Specified

Target Population Age

Age greater than or equal to 18 years

Target Population Gender

Either male or female

National Strategy for Quality Improvement in Health

Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Person- and Family-centered Care

Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

End of Life Care

Living with Illness

IOM Domain

Effectiveness

Patient-centeredness

Data Collection for the Measure

Case Finding Period

Discharges January 1 through December 31

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Clinical Condition

Institutionalization

Patient/Individual (Consumer) Characteristic

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

Discharges with International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Principal Diagnosis Code for heart failure (HF) as defined in the appendices of the original measure documentation

Patients who left against medical advice (AMA)

Patients enrolled in a *Clinical Trial* (as defined in the Data Elements)

Exclusions

Patients who had a left ventricular assistive device (LVAD) or heart transplant procedure during hospital stay ICD-9-CM procedure code for LVAD and heart transplant as defined in the appendices of the original measure documentation

Patients less than 18 years of age

Patients who have a Length of Stay greater than 120 days

Patients with *Comfort Measures Only* (as defined in the Data Elements) documented

Patients discharged to another hospital

Patients discharged to home for hospice care

Patients discharged to a health care facility for hospice care

Patients who expire

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Patients who have documentation in the medical record that an advance directive was executed

Exclusions

None

Numerator Search Strategy

Institutionalization

Data Source

Administrative clinical data

Paper medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

- Advanced Certification Heart Failure (ACHF) Initial Patient Population Algorithm Flowchart
- ACHF-05: Advance Directive Executed Flowchart

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Identifying Information

Original Title

ACHF-05: advance directive executed.

Measure Collection Name

Advanced Certification in Disease-specific Care Measures

Measure Set Name

Heart Failure Standardized Performance Measures

Submitter

The Joint Commission - Health Care Accreditation Organization

Developer

The Joint Commission - Health Care Accreditation Organization

Funding Source(s)

Unspecified

Composition of the Group that Developed the Measure

Unspecified

Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2015 Mar

Measure Maintenance

Unspecified

Date of Next Anticipated Revision

2015 Jul

Measure Status

This is the current release of the measure.

The measure developer reaffirmed the currency of this measure in April 2016.

Measure Availability

Source available from [The Joint Commission Web site](#) .

For more information, contact The Joint Commission at One Renaissance Blvd., Oakbrook Terrace, IL 60181; Phone: 630-792-5800; Fax: 630-792-5005; Web site: www.jointcommission.org

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NQMC Status

This NQMC summary was completed by ECRI Institute on May 21, 2015. The information was verified by the measure developer on June 15, 2015.

The information was reaffirmed by the measure developer on April 6, 2016.

Copyright Statement

This NQMC summary is based on the original measure, which is subject to the measure developer's copyright restrictions.

Production

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The Joint Commission. Disease-specific care certification program. Advanced certification heart failure: performance measurement implementation guide. Oakbrook Terrace (IL): The Joint Commission; 2015 Mar. 76 p.

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